
Sequence Listing was accepted.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Durreshwar Anjum

Timestamp: [year=2009; month=3; day=17; hr=11; min=26; sec=1; ms=542;]

Validated By CRFValidator v 1.0.3

Application No: 10797606 Version No: 2.0

Input Set:

Output Set:

Started: 2009-03-02 17:31:53.114 **Finished:** 2009-03-02 17:31:55.139

Elapsed: 0 hr(s) 0 min(s) 2 sec(s) 25 ms

Total Warnings: 48
Total Errors: 0

No. of SeqIDs Defined: 51
Actual SeqID Count: 51

Error code		Error Description									
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(4)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(5)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(6)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(7)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(8)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(9)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(10)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(11)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(12)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(13)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(14)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(15)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(16)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(17)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(18)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(19)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(20)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(21)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(22)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(23)

Input Set:

Output Set:

Started: 2009-03-02 17:31:53.114 **Finished:** 2009-03-02 17:31:55.139

Elapsed: 0 hr(s) 0 min(s) 2 sec(s) 25 ms

Total Warnings: 48
Total Errors: 0

No. of SeqIDs Defined: 51

Actual SeqID Count: 51

Error code Error Description

This error has occured more than 20 times, will not be displayed

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SEQUENCE LISTING
<110> KUROKAWA, Masato
     NAKAMURA, Hiroaki
<120> Wound dressing for accelerating epidermal regeneration
<130> 292US
<140> 10797606
<141> 2004-03-11
<160> 51
<170> PatentIn version 3.1
<210> 1
<211> 3
<212> PRT
<213> Homo sapiens
<400> 1
Arg Gly Asp
<210> 2
<211> 5
<212> PRT
<213> Homo sapiens
<400> 2
Ile Lys Val Ala Val
<210> 3
<211> 5
<212> PRT
<213> Homo sapiens
<400> 3
Tyr Ile Gly Ser Arg
<210> 4
<211> 10
<212> PRT
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<213> Artificial Sequence

<223> auxiliary amino acid sequence (Y)

<220>

```
<400> 4
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Gly Ala Gly Ala Gly Ala Gly Ala Gly Ala
1 5 10

<210> 5

<211> 40

<212> PRT

<213> Artificial Sequence

<220>

<223> auxiliary amino acid sequence (Y)

<400> 5

Gly Ala 1 5 10 15

Gly Ala Gly Ala

Gly Ala Gly Ala Gly Ala Gly Ala
35 40

<210> 6

<211> 160

<212> PRT

<213> Artificial Sequence

<220>

<223> auxiliary amino acid sequence (Y)

<400> 6

Gly Ala 1 5 10 15

Gly Ala Gly Al

Gly Ala Gly A

Gly Ala 50 55 60

Gly Ala 65 70 75 80

Gly Ala 619 Al

Gly Ala 100 105 110

```
Gly Ala Gly Ala Gly Ala Gly Ala Gly Ala Gly Ala Gly Ala
      115
                         120
Gly Ala Gly Ala Gly Ala Gly Ala Gly Ala Gly Ala Gly Ala
                      135
Gly Ala Gly Ala Gly Ala Gly Ala Gly Ala Gly Ala Gly Ala
145
                   150
                                      155
                                                         160
<210> 7
<211> 12
<212> PRT
<213> Artificial Sequence
<220>
<223> auxiliary amino acid sequence (Y)
<400> 7
Gly Ala Gly Ala Gly Ser Gly Ala Gly Ala Gly Ser
               5
<210> 8
<211> 54
<212> PRT
<213> Artificial Sequence
<220>
<223> auxiliary amino acid sequence (Y)
<400> 8
Gly Ala Gly Ala Gly Ser Gly Ala Gly Ala Gly Ser Gly Ala Gly Ala
               5
Gly Ser Gly Ala Gly Ala Gly Ser Gly Ala Gly Ala Gly Ser Gly Ala
           20
                              25
Gly Ala Gly Ser Gly Ala Gly Ala Gly Ser Gly Ala Gly Ala Gly Ser
       35
                          40
                                              45
Gly Ala Gly Ala Gly Ser
   50
<210> 9
<211> 180
<212> PRT
<213> Artificial Sequence
<220>
<223> auxiliary amino acid sequence (Y)
```

<400> 9

```
Gly Ala Gly Ala Gly Ser Gly Ala Gly Ala Gly Ser Gly Ala Gly Ala
Gly Ser Gly Ala Gly Ala Gly Ser Gly Ala Gly Ala Gly Ser Gly Ala
           2.0
                             2.5
Gly Ala Gly Ser Gly Ala Gly Ala Gly Ser Gly Ala Gly Ala Gly Ser
Gly Ala Gly Ala Gly Ser Gly Ala Gly Ala Gly Ser Gly Ala Gly Ala
                       55
Gly Ser Gly Ala Gly Ala Gly Ser Gly Ala Gly Ala Gly Ser Gly Ala
                 70
                                      75
Gly Ala Gly Ser Gly Ala Gly Ala Gly Ser Gly Ala Gly Ala Gly Ser
                    90
Gly Ala Gly Ala Gly Ser Gly Ala Gly Ala Gly Ser Gly Ala Gly Ala
          100 105
Gly Ser Gly Ala Gly Ala Gly Ser Gly Ala Gly Ala Gly Ser Gly Ala
       115
                         120
Gly Ala Gly Ser Gly Ala Gly Ala Gly Ser Gly Ala Gly Ala Gly Ser
   130
                       135
                                         140
Gly Ala Gly Ala Gly Ser Gly Ala Gly Ala Gly Ser Gly Ala Gly Ala
                                      155
Gly Ser Gly Ala Gly Ala Gly Ser Gly Ala Gly Ala Gly Ser Gly Ala
              165
                                 170
Gly Ala Gly Ser
         180
<210> 10
<211> 12
<212> PRT
<213> Artificial Sequence
<220>
<223> auxiliary amino acid sequence (Y)
<400> 10
Gly Ala Gly Ala Gly Tyr Gly Ala Gly Ala Gly Tyr
<210> 11
```

<211> 54 <212> PRT

<213> Artificial Sequence

```
<220>
<223> auxiliary amino acid sequence (Y)
<400> 11
Gly Ala Gly Ala Gly Tyr Gly Ala Gly Ala Gly Tyr Gly Ala Gly Ala
Gly Tyr Gly Ala Gly Ala Gly Tyr Gly Ala Gly Ala Gly Tyr Gly Ala
           20
                              2.5
Gly Ala Gly Tyr Gly Ala Gly Ala Gly Tyr Gly Ala Gly Ala Gly Tyr
Gly Ala Gly Ala Gly Tyr
   50
<210> 12
<211> 180
<212> PRT
<213> Artificial Sequence
<220>
<223> auxiliary amino acid sequence (Y)
<400> 12
Gly Ala Gly Ala Gly Tyr Gly Ala Gly Ala Gly Tyr Gly Ala Gly Ala
Gly Tyr Gly Ala Gly Ala Gly Tyr Gly Ala Gly Ala Gly Tyr Gly Ala
           20
                               25
Gly Ala Gly Tyr Gly Ala Gly Ala Gly Tyr Gly Ala Gly Ala Gly Tyr
                            40
Gly Ala Gly Ala Gly Tyr Gly Ala Gly Ala Gly Tyr Gly Ala Gly Ala
Gly Tyr Gly Ala Gly Ala Gly Tyr Gly Ala Gly Ala Gly Tyr Gly Ala
65
                                      75
Gly Ala Gly Tyr Gly Ala Gly Ala Gly Tyr Gly Ala Gly Ala Gly Tyr
Gly Ala Gly Ala Gly Tyr Gly Ala Gly Ala Gly Tyr Gly Ala Gly Ala
                            105
           100
                                                  110
Gly Tyr Gly Ala Gly Ala Gly Tyr Gly Ala Gly Ala Gly Tyr Gly Ala
                           120
Gly Ala Gly Tyr Gly Ala Gly Ala Gly Tyr Gly Ala Gly Ala Gly Tyr
    130
                       135
                                           140
```

Gly Ala Gly Ala Gly Tyr Gly Ala Gly Ala Gly Tyr Gly Ala Gly Ala

145 150 155 160

Gly Tyr Gly Ala Gly Ala Gly Tyr Gly Ala Gly Ala Gly Tyr Gly Ala
165 170 175

Gly Ala Gly Tyr 180

<210> 13

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> auxiliary amino acid sequence (Y)

<400> 13

Gly Ala Gly Val Gly Tyr Gly Ala Gly Val Gly Tyr

1 5 10

<210> 14

<211> 54

<212> PRT

<213> Artificial Sequence

<220>

<223> auxiliary amino acid sequence (Y)

<400> 14

Gly Ala Gly Val Gly Tyr Gly Ala Gly Val Gly Tyr Gly Ala Gly Val

1 10 15

Gly Tyr Gly Ala Gly Val Gly Tyr Gly Ala Gly Val Gly Tyr Gly Ala
20 25 30

Gly Val Gly Tyr Gly Ala Gly Val Gly Tyr Gly Ala Gly Val Gly Tyr 35 40 45

Gly Ala Gly Val Gly Tyr 50

<210> 15

<211> 180

<212> PRT

<213> Artificial Sequence

<220>

<223> auxiliary amino acid sequence (Y)

<400> 15

Gly Ala Gly Val Gly Tyr Gly Ala Gly Val Gly Tyr Gly Ala Gly Val

1 5 10 15

Gly Tyr Gly Ala Gly Val Gly Tyr Gly Ala Gly Val Gly Tyr Gly Ala
20 25 30

Gly Val Gly Tyr Gly Ala Gly Val Gly Tyr Gly Ala Gly Val Gly Tyr 35 40 45

Gly Ala Gly Val Gly Tyr Gly Ala Gly Val Gly Tyr Gly Ala Gly Val 50 60

Gly Tyr Gly Ala Gly Val Gly Tyr Gly Ala Gly Val Gly Tyr Gly Ala 65 70 75 80

Gly Val Gly Tyr Gly Ala Gly Val Gly Tyr Gly Ala Gly Val Gly Tyr 85 90 95

Gly Ala Gly Val Gly Tyr Gly Ala Gly Val Gly Tyr Gly Ala Gly Val 100 105 110

Gly Tyr Gly Ala Gly Val Gly Tyr Gly Ala Gly Val Gly Tyr Gly Ala 115 120 125

Gly Val Gly Tyr Gly Ala Gly Val Gly Tyr Gly Ala Gly Val Gly Tyr 130 135 140

Gly Ala Gly Val Gly Tyr Gly Ala Gly Val Gly Tyr Gly Ala Gly Val
145 150 155 160

Gly Tyr Gly Ala Gly Val Gly Tyr Gly Ala Gly Val Gly Tyr Gly Ala 165 170 175

Gly Val Gly Tyr 180

<210> 16

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> auxiliary amino acid sequence (Y)

<400> 16

Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val
1 5 10

<210> 17

<211> 54

<212> PRT

<213> Artificial Sequence

```
<223> auxiliary amino acid sequence (Y)
<400> 17
Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr
                                 10
Gly Val Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val Gly Ala
                               25
Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val
                           40
Gly Ala Gly Tyr Gly Val
   50
<210> 18
<211> 180
<212> PRT
<213> Artificial Sequence
<220>
<223> auxiliary amino acid sequence (Y)
<400> 18
Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr
                                  10
Gly Val Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val Gly Ala
           20
                               25
Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val
Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr
               55
Gly Val Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val Gly Ala
65
                   70
Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val
               85
                                  90
Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr
           100
                               105
Gly Val Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val Gly Ala
                          120
Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val
               135
Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr
```

150

155

160

145

```
Gly Val Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val Gly Ala
             165
                              170
                                                175
Gly Tyr Gly Val
         180
<210> 19
<211> 48
<212> PRT
<213> Artificial Sequence
<220>
<223> auxiliary amino acid sequence (Y)
<400> 19
Asp Gly Gly Ala Ala Ala Ala Ala Gly Gly Ala Asp Gly Gly Ala
Ala Ala Ala Ala Gly Gly Ala Asp Gly Gly Ala Ala Ala Ala Ala
          20
                            25
Ala Gly Gly Ala Asp Gly Gly Ala Ala Ala Ala Ala Gly Gly Ala
      35
                       40
<210> 20
<211> 18
<212> PRT
<213> Artificial Sequence
<220>
<223> auxiliary amino acid sequence (Y)
<400> 20
10
Gly Ala
<210> 21
<211> 72
<212> PRT
<213> Artificial Sequence
<223> auxiliary amino acid sequence (Y)
<400> 21
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1 5 10 15

Ala Ala Ala Gly Gly Ala Asp Gly Gly Ala Ala Ala Ala Ala Ala Ala 50 55 60

Ala Ala Ala Ala Gly Gly Ala 65 70

<210> 22

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> auxiliary amino acid sequence (Y)

<400> 22

Gly Val Pro Gly Val Gly Val Pro Gly Val
1 5 10

<210> 23

<211> 50

<212> PRT

<213> Artificial Sequence

<220>

<223> auxiliary amino acid sequence (Y)

<400> 23

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly

1 10 15

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val 25 $$ 30

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro 35 40 45

Gly Val

50

<210> 24

<211> 200

<212> PRT

<213> Artificial Sequence

```
<220>
<223> auxiliary amino acid sequence (Y)
<400> 24
Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
                                 10
Val Pro Gly Val Gly Val Pro Gly Val Pro Gly Val Gly Val
                             25
Pro Gly Val Gly Val Pro Gly Val Pro Gly Val Gly Val Pro
               40
Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
   50
                     55
Val Gly Val Pro Gly Val Gly Val Gly Val Pro Gly Val
Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
              85
                                 90
Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
                            105
Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
       115
               120
Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
   130
                    135
Val Gly Val Pro Gly Val Gly Val Gly Val Pro Gly Val
145
                  150
                                    155
                                                      160
Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
              165
                                 170
Val Pro Gly Val Gly Val Pro Gly Val Pro Gly Val Gly Val
                            185
          180
Pro Gly Val Gly Val Pro Gly Val
      195
                         200
<210> 25
<211> 10
<212> PRT
<213> Artificial Sequence
<220>
<223> auxiliary amino acid sequence (Y)
<400> 25
```

Gly Gly Gly Gly Gly Gly Gly Gly

5

```
<210> 26
<211> 40
<212> PRT
<213> Artificial Sequence
<220>
<223> auxiliary amino acid sequence (Y)
<400> 26
20
                 25
Gly Gly Gly Gly Gly Gly
<210> 27
<211> 160
<212> PRT
<213> Artificial Sequence
<220>
<223> auxiliary amino acid sequence (Y)
<400> 27
10
```

Gl